

POTOMAC RIVER

(in four sheets)

SHEET No. 2

FROM PINEY POINT TO LOWER CEDAR POINT

From a Trigonometrical Survey

under the direction of A.D. BACH, Superintendent of the

SURVEY OF THE COAST OF THE UNITED STATES

Triangulation by JOHN FARLEY Assist. FAIRMAN ROGERS Assist. C. FERGUSON and F. WEBBER Sub-Assist.

Topography by L. HULL ADAMS Assist. S. A. WAINWRIGHT J. M. ECHAN Sub-Assist. and C. HOSMER Aid

Hydrography by the Parties under the command of

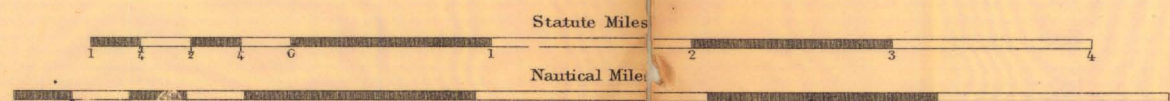
Comdr. W. T. MUSE and Lieut. Comdr. T. S. PHELPS U.S.N. Assistants

Scale Sixes

1862



Verified
J. H. P. Ford
Assistant Coast Survey
In charge of Office



The Triangulation was executed in 1860 & '62
The Topography do do 1858 '59 '60 & '62
The Hydrography do do 1860 & '62



LIGHT HOUSE

Name	Latitude	Longitude	Height above Mean Low Water	Height above Mean High Water	Height above Mean Spring Tide
Blackstone Light House	38° 12' 23" N	76° 44' 24" W	57 ft	66 ft	12 ft
Variation of the Magnetic Needle (computed) in December 1862 2° 0' W.					
Present annual increase 2'					

TIDES

Corrected Establishment	Blackstone Light House	Chesapeake Bay
Mean Rise and Fall of Tide	1.8 ft.	1.6 ft.

SOUNDINGS

The Soundings are expressed in feet, and show the depth at mean low water, the plane of reference. The dotted lines beyond low water mark represent the bottom within the respective depths of 6, 12 and 18 feet. The characteristic soundings only are given on the map, they are selected from the numerous soundings taken in the survey, so as to represent the figure of the bottom. The character of the bottom is soft in the channel, but the lumps, which are dotted on the chart, are hard.

ABBREVIATIONS OF BOTTOMS

Materials in Capable	Colors or Shades of small letters	Other qualities of small letters
M. for Mud	dk. for black	hd. for hard
S. for Sand	gy. for grey	sf. for soft
C. for Clay	br. for brown	fl. for fine
	dk. for dark	stk. for sticky
	lt. for light	brk. for broken

Note. The principal materials and their qualities are represented by larger letters than the subsidiary.